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December 17, 1954 Number 5

LIST OF THE FISHES OF ALASKA[1]

By Norman J. Wilimovsky

) Tarleton H. Bean prepared the first f fishes of Alaska (Proc. U. S. Nat. 239-272). His list recorded 116 forms cur in the Territorial waters. Although ubsequent contributions added to the owledge of the Alaskan ichtnyofauna, no istributional summary appeared until this time Evermann and Goldsborough pub- he Fishes of Alaska" (Bull. U. S. Bur. 219-360, pls. 14-42). This work, which great number of misleading statements s errors, records some 265 species from Unfortunately, a portion of this total ly based on examples taken outside the limits of Alaska.

mpting to resolve certain distributional pertinent to my research on the fishes tic (to be published shortly), need was n up-to-date catalog of Alaskan fishes known ranges. The present preliminary prepared to fill this requirement and 379 forms. As there has been relatively ithyological exploration carried on in is likely that this list will be con- enlarged before any definitive idea of orial fish fauna is attained.

esent list contains a number of new d extensions of previously known ranges, some major nomenclatorial changes. In , I hope to publish an expanded form of with full species synonymies, ranges, asis for the Alaskan records somewhat format of the model checklist of Schultz and DeLacy (1935-36, "Fishes of the American Northwest", *Mid-Pacific Magazine*, installments, vols. 10 and 11).

I am indebted to a number of individuals for their comments in the preparation of this report as well as for information on certain studies which are as yet unpublished. No less is my gratitude to the many people who have provided specimens taken in the Territory.

The range statements referred to in this list may be defined as follows: *Arctic Alaska* refers to the area north of the Brooks Range to the seacoast, and those marine waters from the Canadian border on the east to Bering Strait on the west. *Central Alaska* covers that portion of Alaska between the Brooks Range on the north and the Alaska Range on the south. It is limited by the Alaskan-Canadian border on the east and the Bering Sea to the west. Obviously, the waters so delimited are for the greater part fresh, as are those of the following region. *South Central Alaska* is delimited by the Alaska Range to the north and the Gulf of Alaska to the south. It terminates roughly at Yakutat Bay in the east and to the west includes the southern drainage of the Aleutian Range on the Alaskan Peninsula. *Bering Sea* refers to all waters south of the Bering Strait and north of the Alaskan Peninsula including the Aleutian chain, Pribilof Islands, St. Matthew Island and St. Lawrence Island (i.e., all the American possessions in the Bering Sea). This region is roughly comparable to the district termed "Western Alaska" by the U. S. Fish and Wildlife Service in recording catch statistics. *The Gulf of Alaska* or "Central Alaska" of the Fish and Wildlife Service, refers to those marine waters south of the Alaskan Peninsula and South Central Alaska to Yakutat Bay. *Southeastern Alaska* delimits both the freshwater and marine area south of Yakutat Bay.

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SIBERIA
ARCTIC ALASKA
CENTRAL ALASKA
SOUTH CENTRAL ALASKA
SOUTHEASTERN ALASKA
BERING SEA
GULF OF ALASKA
CANADA
ALASKA
Distributional areas referred to in range statements (see text).

EPTATRETIDAE - hagfishes

a deani Evermann and Goldsborough
aska - California

a stouti (Lockington)
aska - California (Alaskan record not
)

PETROMYZONTIDAE - lampreys

tridentatus (Gairdner)
Sea - California

lamottei japonicus (Martens)
Alaska and Bering Sea; North and East

lamottei lamottei (Le Sueur)
Alaska - Gulf of Alaska; North and
a, Eastern North America

LAMNIDAE - mackerel sharks

pis Hubbs and Follett
- California; Japan

SQUALIDAE - dogfishes

anthias Linnaeus
Sea - Baja California; Japan, North
c Ocean

pacificus Bigelow and Schroeder
Sea - California; Japan

SQUATINIDAE - angel sharks

alifornica Ayres
laska - Baja California

RAJIDAE - skates

Jordan and Gilbert
laska - California

ulata Girard
laska - California

laska - British Columbia

idi Garman
laska - California

ura Gilbert
Alaska - California

fera Bean
Sea - S. E. Alaska

ica Gilbert
Sea - S. E. Alaska

binis Gill and Townsend
Sea (?locality)

rupta Gill and Townsend
Sea (?locality)

CHIMAERIDAE - chimaeras

collieï (Lay and Bennett)
laska - Baja California

ACIPENSERIDAE - sturgeons

Acipenser transmontanus Richardson
Gulf of Alaska - California

Acipenser medirostris Ayres
Gulf of Alaska - California

CLUPEIDAE - herrings

Clupea harengus pallasi Valenciennes
Arctic Alaska - California; and Asia

Sardinops sagax caerulea (Girard)
S. E. Alaska - Gulf of California

Alosa sapidissima (Wilson)
Gulf of Alaska - California; Western North
Atlantic (introduced in Pacific waters)

ALEPOCEPHALIDAE - slickheads

Ericara salmoneum Gill and Townsend
Bering Sea - California

STERNOPTYCHIDAE - lightfishes

Cyclothone microdon (Güntner)
Bering Sea - California; cosmopolitan

Cyclothone atraria Gilbert
Gulf of Alaska - California

CHAULIODONTIDAE - viperfishes

Chauliodus macouni Bean
Gulf of Alaska - California

ARGENTINIDAE - deep sea smelts

Leuroglossus sp.
Bering Sea - Gulf of Alaska

Bathylagus pacificus Gilbert
Bering Sea - California

Bathylagus alascanus Chapman
Gulf of Alaska - California; Oknotsk Sea

Macropinna microstoma Chapman
Gulf of Alaska - California

SALMONIDAE - salmon and trout

Salmo clarki Richardson
S. E. Alaska - California

Salmo gairdneri Richardson
Bering Sea - Baja California

Oncorhynchus gorbuscha (Walbaum)
Arctic Alaska - California; Japan

Oncorhynchus kisutch (Walbaum)
Bering Sea - California; Japan

Oncorhynchus tshawytscha (Walbaum)
Bering Sea - California; Japan

Oncorhynchus keta (Walbaum)
Arctic Alaska - California; Kamchatka

Oncorhynchus nerka (Walbaum)
Bering Sea - California; Japan

Salvelinus alpinus spp.
Arctic Alaska - Gulf of Alaska; Northern Canada, Europe and Asia

Salvelinus malma (Walbaum)
Arctic Alaska - California; Kamchatka

Salvelinus namaycush (Walbaum)
Arctic Alaska - N. E. United States

Salvelinus fontinalis (Mitchill)
S. E. Alaska (introduced into Alaskan waters)

COREGONIDAE - whitefishes

Stenodus leucichthys (Pallas)
Bering Sea - Arctic Alaska; Northern Asia

Coregonus (Leucichthys) autumnalis (Pallas)
Siberia - Canada

Coregonus (Leucichthys) sardinella Valenciennes
Siberia - Canada

Coregonus (Coregonus) clupeaformis (Mitchill)
S. E. Alaska - Great Lakes

Coregonus (Coregonus) nasus kennicotti Milner
Arctic Alaska - Great Bear Lake

Coregonus (Coregonus) lavaretus pidschian (Gmelin)
Central Alaska; Siberia

Coregonus (Coregonus) lavaretus nelsoni Bean
Arctic Alaska - Central Alaska

Coregonus (Prosopium) cylindraceus (Pallas)
Siberia - Great Slave Lake

Coregonus (Prosopium) coulteri Eigenmann and Eigenmann
South Central Alaska - Pacific Northwest

THYMALLIDAE - graylings

Thymallus arcticus signifer (Richardson)
Arctic Alaska - Great Lakes

OSMERIDAE - smelts

Osmerus dentex Steindachner
Arctic Alaska - Bering Sea

Mallotus villosus Müller
Arctic Alaska - British Columbia; North Atlantic Ocean

Hypomesus pretiosus (Girard)
S. E. Alaska - California

Hypomesus olidus (Pallas)
Arctic Alaska - California

Thaleichthys pacificus (Richardson)
Bering Sea - California

ESOCIDAE - pikes

Esox lucius Linnaeus
Arctic Alaska - N. E. United States; Eurasia

DALLIIDAE - blackfishes

Dallia pectoralis Bean
Arctic Alaska - Central Alaska; St. Matthew and St. Lawrence Islands in Bering Sea; Siberia

CATOSTOMIDAE - suckers

Catostomus catostomus (Foerster)
Arctic Alaska - Great Lakes

CYPRINIDAE - minnows

Hybopsis plumbea (Agassiz)
Yukon Basin

MYCTOPHIDAE - lanternfishes

Electrona arctica (Lütken)
Gulf of Alaska - California

Hygophum reinhardti (Lütken)
Gulf of Alaska - California

Benthosema glaciale (Reinhardt)
Arctic Alaska; North Atlantic Ocean

Tarletonbeania crenularis (Jordan and Gilbe
S. E. Alaska - California

Diaphus theta Eigenmann and Eigenmann
Gulf of Alaska - California

Lampanyctus nannochir (Gilbert)
Bering Sea - California; Japan

Lampanyctus leucopsarus (Eigenmann and Eig
Bering Sea - California

Lampanyctus beringensis Schmidt
Bering Sea

Lampanyctus regalis (Gilbert)
Gulf of Alaska - California

Lampanyctus jordani Gilbert
Gulf of Alaska; Japan

ALEPISAURIDAE - lancetfishes

Alepisaurus borealis Gill
Bering Sea - California; Japan

SCOPELARCHIDAE - pearleyes

Neoscopelarchoides dentatus Chapman
Gulf of Alaska - California

SYNAPHOBRANCHIDAE

Synaphobranchus bathybius Günther
Bering Sea

NEMICHTHYIDAE - snipe eels

Avocettina gilli (Bean)
S. E. Alaska - British Columbia

NOTACANTHIDAE

Polyacanthonotus challengeri (Vaillant)
Bering Sea

SCOMBERESOCIDAE - sauries

Cololabis saira (Brevoort)
Gulf of Alaska - Baja California

CORYPHAENOIDIDAE[1] - rattails

oides suborbitalis (Gill and Townsend)
Sea

oides acrolepis (Bean)
- Baja California

oides pectoralis (Gilbert)
- California

oides clarki (Jordan and Gilbert)
Sea

oides firmisquamis (Gill and Townsend)
Sea

oides spinulosus (Gilbert and Burke)
Sea

oides cinereus (Gilbert)
Sea

oides lepturus (Gill and Townsend)
Sea

oides serrula (Bean)
Alaska

GADIDAE - cods

us productus (Ayres)
of Alaska - Baja California

rostrata (Günther)
g Sea - California; cosmopolitan

chalcogrammus chalcogrammus (Pallas)
g Sea - British Columbia

us proximus (Girard)
of Alaska - California

crocephalus Tilesius
of Alaska - California

gracilis (Tilesius)
c Alaska - Gulf of Alaska

lus saida (Lepecnin)
c Alaska - Bering Sea; circumpolar, North
tic Ocean

a leptura Hubbs and Schultz
c Alaska - British Columbia

LAMPRIDIDAE - opahs

regius (Bonnaterre)
of Alaska - California

MELAMPHAIDAE - bigscales

es lugubris Gilbert
g Sea - California

es nycterinus Gilbert
of Alaska - California

es cristiceps Gilbert
g Sea - California

es rugosus Chapman
of Alaska - British Columbia

es cavernosus Chapman
of Alaska - British Columbia

[1] *Coleobrachium pterotum* Gilbert and Burke, the western Bering Sea, is undoubtedly a lartail, but to which of the above described it belongs, if any, is not known.

BOTHIDAE - lefteyed flounders

Citharichthys sordidus (Girard)
Bering Sea - Baja California

Citharichthys stigmaeus Jordan and Gilbert
S. E. Alaska - Baja California

PLEURONECTIDAE - righteyed flounders

Atheresthes stomias (Jordan and Gilbert)
Bering Sea - California

Hippoglossus stenolepis Schmidt
Bering Sea - California; Okhotsk Sea

Hippoglossoides elassodon Jordan and Gilbert
Bering Sea - Washington

Hippoglossoides robustus Gill and Townsend
Bering Sea

Lyopsetta exilis (Jordan and Gilbert)
S. E. Alaska - Baja California

Eopsetta jordani (Lockington)
Gulf of Alaska - Baja California

Psettichthys melanostictus Girard
Gulf of Alaska - California

Pleuronichthys decurrens Jordan and Gilbert
S. E. Alaska - Baja California

Pleuronichthys coenosus Girard
S. E. Alaska - Baja California

Isopsetta isolepis (Lockington)
S. E. Alaska - California

Parophrys vetula Girard
Gulf of Alaska - Baja California

Lepidopsetta bilineata (Ayres)
Bering Sea - California; Okhotsk Sea

Limanda aspera (Pallas)
Bering Sea - British Columbia; Korea

Limanda proboscidea Gilbert
Bering Sea

Pleuronectes quadrituberculatus Pallas
Bering Sea - Gulf of Alaska

Embassichthys bathybius (Gilbert)
Gulf of Alaska - California

Microstomus pacificus (Lockington)
Bering Sea - Baja California

Glyptocephalus zachirus Lockington
Bering Sea - California

Liopsetta obscura (Herzenstein)
Alaska - Japan (Alaskan record doubtful)

Liopsetta glacialis (Pallas)
Arctic Alaska - Bering Sea; North Europe

Platichthys stellatus (Pallas)
Arctic Alaska - California; Japan

SPHYRAENIDAE - barracudas

Sphyraena argentea Girard
Gulf of Alaska - Baja California

CARANGIDAE - jacks

Trachurus symmetricus (Ayres)
S. E. Alaska - Baja California

ZAPRORIDAE - prowfishes

Zaprora silenus Jordan
Gulf of Alaska - California; Japan

ICOSTEIDAE - ragfishes

Icosteus aenigmaticus Lockington
S. E. Alaska - California

BRAMIDAE - pomfrets

Brama brama (Bonnaterre)
Gulf of Alaska - California; cosmopolitan

SCOMBRIDAE - mackerels

Pneumatophorus japonicus diego (Ayres)
S. E. Alaska - Baja California

THUNNIDAE - tunas

Germo alalunga (Gmelin)
S. E. Alaska; Pacific Ocean

SCIAENIDAE - croakers

Cynoscion nobilis (Ayres)
S. E. Alaska - Baja California

EMBIOTOCIDAE - viviparous perches

Damalichthys vacca Girard
S. E. Alaska - Baja California
Taeniotoca lateralis (Agassiz)
S. E. Alaska - Baja California
Cymatogaster aggregata Gibbons
S. E. Alaska - Baja California

ERILEPIDIDAE - skilfish

Erilepis zonifer (Lockington)
S. E. Alaska - California

ANOPLOPOMATIDAE - sablefishes

Anoplopoma fimbria (Pallas)
Bering Sea - California; Japan

HEXAGRAMMIDAE - greenlings

Hexagrammos decagrammus (Pallas)
S. E. Alaska - California
Hexagrammos stelleri Tilesius
Bering Sea - California
Hexagrammos superciliosus (Pallas)
Bering Sea - California
Hexagrammos octogrammus (Pallas)
Bering Sea - Gulf of Alaska; Okhotsk Sea
Hexagrammos lagocephalus (Pallas)
Bering Sea
Pleurogrammus monopterygius (Pallas)
Bering Sea - California

OPHIODONTIDAE - lingcods

Ophiodon elongatus Girard
Bering Sea - Baja California

SCORPAENIDAE - rockfishes

Sebastes mystinus (Jordan and Gilbert)
Bering Sea - Baja California
Sebastes ciliatus (Tilesius)
Bering Sea - Gulf of Alaska
Sebastes melanops (Girard)
Gulf of Alaska - California
Sebastes brevispinis (Bean)
Bering Sea - Washington
Sebastes proriger (Jordan and Gilbert)
Bering Sea - California
Sebastes aleutianus (Jordan and Evermann)
Gulf of Alaska - Oregon
Sebastes alutus (Gilbert)
Bering Sea - California
Sebastes saxicola (Gilbert)
S. E. Alaska - Baja California
Sebastes crameri (Jordan)
Bering Sea - California
Sebastes introniger (Gilbert)
Bering Sea - Oregon
Sebastes swifti (Evermann and Goldsbor
S. E. Alaska
Sebastes rupestris (Gilbert)
S. E. Alaska - California
Sebastes ruber Ayres
Gulf of Alaska - California
Sebastes rubrivinctus (Jordan and Gil
S. E. Alaska - Baja California
Sebastes auriculatus Girard
S. E. Alaska - California
Sebastes caurinus Richardson
S. E. Alaska - California
Sebastes maliger (Jordan and Gilbert)
Gulf of Alaska - California
Sebastes nebulosus Ayres
S. E. Alaska - California
Sebastes nigrocinctus Ayres
S. E. Alaska - California
Sebastes polyspinis (Taranetz and Mot
Bering Sea - Gulf of Alaska
Sebastolobus alascanus Bean
Bering Sea - Baja California
Sebastolobus altivelis Gilbert
Gulf of Alaska - Baja California

COTTIDAE - sculpins

Hemilepidotus zapus Gilbert and Burke
Bering Sea
Hemilepidotus hemilepidotus (Tilesius
Bering Sea - California

us jordani Bean
ea - S. E. Alaska

pilio Bean
ea

noplus Gilbert and Burke
ea

iseriatus Gilbert and Burke
ea

rchani Evermann and Goldsborough
aska - California

realis Gilbert
ea - Wasnington

sprellus Gilbert
Alaska - Baja California

iger Bean
ea - Gulf of Alaska

iger spiniger Gilbert
ea - S. E. Alaska

ops Bean
Alaska

nalis Gilbert
ea

liculatus Gilbert
ea

nalis uncinalis Gilbert and Burke
ea

ula spatula Gilbert and Burke
ea

topias Gilbert and Burke
ea

ani Gilbert
ea - Wasnington

epticus Gilbert
ea

ingeli pacificus Schmidt
ea

cellus (Bean)
ea - Washington

orficata (Gilbert)
ea

enostethus (Gilbert)
ea

gilli Bean
laska - California

enestralis (Jordan and Gilbert)
Alaska - California

elacyi Hubbs and Schultz
Alaska

us xenogrammus Bolin
Sea

m beringianum Gilbert and Burke
Sea

s maculosus Girard
Sea - California; Okhotsk Sea

us obtusus Schultz
Sea

s embryum (Jordan and Starks)
Sea - California

us globiceps (Girard)
Alaska - California

us acuticeps (Gilbert)
Sea - California

Sigmistes caulias Rutter
Bering Sea - Gulf of Alaska

Sigmistes smithi Schultz
Bering Sea

Artediellus pacificus Gilbert
Bering Sea

Artediellus scaber beringianus Schmidt
Bering Sea

Artediellus miacanthus Gilbert and Burke
Bering Sea

Artediellus uncinatus (Reinhardt)
Arctic Alaska; circumpolar, Nortn Atlantic Ocean

Megalocottus platycephalus laticeps (Gilbert)
Arctic Alaska - Eastern Bering Sea

Myoxocephalus scorpius[1] (Linnaeus)
Arctic Alaska - Bering Sea; Canadian Arctic and Nortn Atlantic Ocean

Myoxocephalus scorpioides[1] (Fabricus)
Arctic Alaska - Bering Sea; Greenland

Myoxocephalus polyacanthocephalus (Pallas)
Bering Sea - Washington

Myoxocephalus jaok (Cuvier)
Arctic Alaska - Bering Sea

Myoxocephalus stelleri Tilesius
Bering Sea

Myoxocephalus mednius Bean
Bering Sea

Myoxocephalus niger (Bean)
Bering Sea

Myoxocephalus quadricornis (Linnaeus)
Arctic Alaska - Bering Sea; Polar Basin, Nortn Atlantic Ocean

Nicrocottus sellaris (Gilbert)
Bering Sea; Japan

Porocottus quadrifilis Gill
Bering Sea

Porocottus bradfordi bradfordi Rutter
Bering Sea

Gymnocanthus pistilliger (Pallas)
Bering Sea

Gymnocanthus tricuspis orientalis Schmidt
Arctic Alaska - Bering Sea

Gymnocanthus galeatus Bean
Bering Sea

Cottus gulosus (Girard)
S. E. Alaska (record doubtful) - California

Cottus asper Richardson
S. E. Alaska - California

Cottus cognatus cognatus Richardson
Arctic Alaska - Central Alaska; N. Canada

Cottus aleuticus Gilbert
Bering Sea - California

Cottus protrusus Schultz and Spoor
Bering Sea - Central Alaska

Enophrys bison (Girard)
Gulf of Alaska - California

Enophrys claviger (Cuvier)
Bering Sea

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[1] Including *M. verrucosus* and *M. groenlandicus* in the former and *M. axillaris* in the latter.

Enophrys diceraus (Pallas)
Bering Sea - S. E. Alaska

Enophrys lucasi (Jordan and Gilbert)
Bering Sea

Zesticelus profundorum (Gilbert)
Bering Sea - Baja California

Leptocottus armatus armatus Girard
Gulf of Alaska - California

Ascelichthys rhodorus Jordan and Gilbert
S. E. Alaska - California

Psychrolutes paradoxus Günther
Bering Sea - Washington

Gilbertidia sigalutes (Jordan and Starks)
S. E. Alaska

Eurymen gyrinus Gilbert and Burke
Bering Sea

Dasycottus setiger Bean
Bering Sea - Washington

Malacocottus zonurus Bean
Gulf of Alaska

Thecopterus aleuticus Smith
Bering Sea

Nautichthys pribilovius (Jordan and Gilbert)
Bering Sea

Nautichthys oculofasciatus (Girard)
S. E. Alaska - California

Blepsias cirrhosus (Pallas)
Bering Sea - California

Blepsias bilobus Cuvier
Bering Sea - British Columbia; Japan

Rhamphocottus richardsoni Günther
Bering Sea - California

Ulca bolini Myers
Bering Sea - S. E. Alaska

Hemitripterus villosus (Pallas)
Bering Sea

AGONIDAE - sea poachers

Hypsagonus quadricornis (Cuvier)
Bering Sea - Washington

Odontopyxis trispinosa Lockington
S. E. Alaska - California

Aspidophoroides olriki Lütken
Arctic Alaska - Bering Sea; North Atlantic Ocean

Aspidophoroides bartoni Gilbert
Bering Sea

Anoplagonus inermis (Güntner)
Gulf of Alaska - British Columbia; Korea

Asterotheca alascana (Gilbert)
Bering Sea - Washington

Asterotheca infraspinata (Gilbert)
Bering Sea - Washington

Asterotheca pentacantha (Gilbert)
Bering Sea - California

Bathyagonus nigripinnis Gilbert
Bering Sea - Washington

Occa dodecaedra (Tilesius)
Bering Sea

Pallasina barbata barbata (Steindachner)
Bering Sea; Japan

Pallasina barbata aix Starks
Gulf of Alaska - Oregon

Agonopsis emmelane (Jordan and Starks)
S. E. Alaska - California

Sarritor leptorhynchus (Gilbert)
Gulf of Alaska - Bering Sea; Japan

Sarritor frenatus (Gilbert)
Gulf of Alaska - Bering Sea; Japan

Podothecus acipenserinus (Tilesius)
Bering Sea - Washington

LIPARIDIDAE - liparids

Liparis rutteri (Gilbert and Snyder)
Bering Sea - California

Liparis callyodon (Pallas)
Bering Sea - Washington

Liparis florae (Jordan and Starks)
Bering Sea - California

Liparis micraspidophorus (Gilbert and Bur
Bering Sea

Liparis cyclopus Günther
Bering Sea - Washington

Liparis fucensis Gilbert
S. E. Alaska - California

Liparis bristolensis (Burke)
Bering Sea

Liparis megacephalus (Burke)
Bering Sea

Liparis herschelinus Scofield
Arctic Alaska - Arctic Canada

Liparis dennyi Jordan and Starks
Gulf of Alaska - Washington

Liparis gibbus Bean
Bering Sea - S. E. Alaska

Liparis cyclostigma Gilbert
Bering Sea

Liparis pulchellus Ayres
?Bering Sea - California

Liparis koefoedi Parr
Arctic Alaska; East Siberian Sea and Atlantic Ocean

Polypera greeni (Jordan and Starks)
Bering Sea - British Columbia

Polypera beringiana (Gilbert and Burke)
Bering Sea - Washington

Careproctus ectenes Gilbert
Bering Sea

Careproctus simus Gilbert
Bering Sea

Careproctus mollis Gilbert and Burke
Bering Sea

Careproctus bowersianus Gilbert and Burk
Bering Sea

Careproctus scottae Chapman and DeLacy
S. E. Alaska

Careproctus attenuatus Gilbert and Burke
Bering Sea

Careproctus phasma Gilbert
Bering Sea

Careproctus spectrum Bean
S. E. Alaska

furcellus Gilbert and Burke
ea

cypselurus (Jordan and Gilbert)
ea - Washington; Okhotsk Sea

abbreviatus Burke
aska

opisthotremus Gilbert and Burke
ea

gilberti Burke
aska - British Columbia

ostentum Gilbert
ea

colletti Gilbert
ea; Okhotsk and Japan Seas

andida (Gilbert and Burke)
ea

thys cyclospilus Gilbert and Burke
ea

s minytremus Gilbert
ea

dactylosus Gilbert
ea - California

deani Burke
aska - California

ulochir Gilbert
ea - Gulf of California

holomelas Gilbert
ea

s barbulifer Gilbert
ea - California; Okhotsk

s attenuatus Burke
ea

s pelagicus Gilbert and Burke
ea - California; Japan

CYCLOPTERIDAE - lumpsuckers

us orbis (Günther)
ea - Washington

us derjugini Popov
laska

sis phrynoides Gilbert and Burke
ea

muticus Gilbert
ea

des gyrinops Garman
ea

ventricosus (Pallas)
ea - British Columbia

thys copelanus Hubbs and Schultz
ea - S. E. Alaska

GOBIESOCIDAE - clingfishes

eandricus (Girard)
aska - California

BATRACHOIDIDAE - toadfishes

notatus Girard
aska - Baja California (Alaskan
ot verified)

GASTEROSTEIDAE - sticklebacks

Gasterosteus aculeatus aculeatus Linnaeus
Bering Sea - California; Japan

Gasterosteus aculeatus microcephalus Girard
Bering Sea - Baja California; Japan

Pungitius pungitius (Linnaeus)
Arctic Alaska - British Columbia

AULORHYNCHIDAE - tube-noses

Aulorhynchus flavidum Gill
S. E. Alaska - Baja California

SYNGNATHIDAE - pipefishes

Syngnathus griseolineata griseolineata Ayres
S. E. Alaska - California

TRICHODONTIDAE - sandfishes

Trichodon trichodon (Tilesius)
Bering Sea - California

Arctoscopus japonicus (Steindachner)
Bering Sea - S. E. Alaska; Japan

AMMODYTIDAE - sandlances

Ammodytes hexapterus Pallas
Arctic Alaska - Bering Sea (southern limits not determined)

BATHYMASTERIDAE - ronquils

Bathymaster signatus Cope
Bering Sea - Washington

Bathymaster caeruleofasciatus Gilbert and Burke
Bering Sea

Ronquilus jordani (Gilbert)
Bering Sea - California

ANARHICHADIDAE - wolffishes

Anarrhichthys ocellatus Ayres
Gulf of Alaska - California

Anarhichas orientalis Pallas
Bering Sea

PTILICHTHYIDAE

Ptilichthys goodei Bean
Bering Sea

STICHAEIDAE - pricklebacks

Stichaeus punctatus (Fabricius)
Arctic Alaska - Bering Sea

Eumesogrammus praecisus (Krøyer)
Arctic Alaska - Bering Sea; North Atlantic Ocean

Poroclinus rothrocki Bean
Bering Sea - California

Leptoclinus maculatus (Fries)
Arctic Alaska - Washington; North Atlantic Ocean

Lumpenella longirostris (Evermann and Goldsborough)
Gulf of Alaska - S. E. Alaska

Lumpenus sp.
Bering Sea - California

Lumpenus mackayi Gilbert
Bering Sea

Lumpenus fabricii (Valenciennes)
Arctic Alaska - Bering Sea; North Atlantic Ocean

Lumpenus medius (Reinnardt)
Arctic Alaska - Bering Sea; North Atlantic Ocean

Chirolophis polyactocephalus (Pallas)
Bering Sea - Wasnington

Bryozichthys lysimus (Jordan and Snyder)
Bering Sea

Gymnoclinus cristulatus Gilbert and Burke
Bering Sea

Alectrias alectrolophus alectrolophus (Pallas)
Bering Sea

Alectridium aurantiacum Gilbert and Burke
Bering Sea

Bryostemma tarsodes Jordan and Snyder
Bering Sea

Anoplarchus purpurescens insignis Gilbert and Burke
Bering Sea

Anoplarchus purpurescens purpurescens Gill
Bering Sea - California

Phytichthys chirus versicolor (Gilbert and Burke)
Bering Sea - Gulf of Alaska

Xiphister mucosus (Girard)
S. E. Alaska - California

Epigeichthys atropurpureus (Kittlitz)
S. E. Alaska - Baja California

Delolepis gigantea (Kittlitz)
Bering Sea - California

Lyconectes aleutensis Gilbert
Bering Sea - California

PHOLIDAE - gunnels

Pholis ornata (Girard)
Bering Sea - California

Pholis laeta (Cope)
Bering Sea - California

Pholis dolichogaster (Pallas)
Bering Sea

Pholis gilli Evermann and Goldsborough
Bering Sea

Apodichthys flavidus Girard
S. E. Alaska - California

SCYTALINIDAE - graveldiggers

Scytalina cerdale Jordan and Gilbert
Bering Sea - California

ZOARCIDAE - eelpouts

Embryx crotalina (Gilbert)
Gulf of Alaska - California

Lycodopsis pacifica Collett
S. E. Alaska - California

Lycenchelys jordani (Evermann and Goldsbo
S. E. Alaska - Oregon

Lycodes agnostus Jensen
Arctic Alaska - Bering Sea

Lycodes raridens Taranetz and Andriasnev
Arctic Alaska - Bering Sea

Lycodes turneri Bean
Arctic Alaska - Bering Sea

Lycodes diapterus diapterus Gilbert
Southeastern Bering Sea - California

Lycodes diapterus beringi Andriashev
Northwestern Bering Sea

Lycodes concolor Gill and Townsend
Bering Sea

Lycodes palearis palearis Gilbert
Bering Sea - Oregon

Lycodes palearis arcticus Taranetz and A
Arctic Alaska - Nortnern Bering Sea

Lycodes brevipes brevipes Bean
Southeastern Bering Sea

Lycodes brevipes diapteroides Taranetz a
Andriasnev
Bering Sea

Lycogramma brunneum (Bean)
S. E. Alaska - California

Bothrocara pusillum (Bean)
Bering Sea - S. E. Alaska

Bothrocara molle Bean
Bering Sea - California

Gymnelis viridis (Fabricius)
Arctic Alaska - Gulf of Alaska

Gymnelopsis stigma (Lay and Bennett)
Bering Sea

Lycodapus mandibularis Gilbert
S. E. Alaska - California

Lycodapus fierasfer Gilbert
Bering Sea - California

Lycodapus parviceps Gilbert
Bering Sea

Lycodapus extensus Gilbert
Bering Sea

Lycodapus grossidens Gilbert
S. E. Alaska

BROTULIDAE - brotulas

Brosmophycis marginata (Ayres)
S. E. Alaska - California

ONEIRODIDAE - dreamers

Oneirodes acanthias (Gilbert)
Gulf of Alaska

MOLIDAE - ocean sunfishes

Mola mola Linnaeus
S. E. Alaska - California (Alaskan verified)

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